

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: DE LA PARRA CARQUE, Sergio  
Serial No: 10/590,578  
For: SENSOR FUSION SYSTEM AND METHOD FOR  
ESTIMATING POSITION, SPEED AND ORIENTATION OF  
A VEHICLE, IN PARTICULAR AN AIRCRAFT  
Filed: May 4, 2007  
Examiner: Tan Quang Nguyen  
Art Unit: 3661  
Confirmation No.: 8668  
Customer No.: 27,623

Attorney Docket No.: 0003166USU/2442

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AFTER FINAL**

Dear Sir:

In response to the Final Office Action mailed on August 31, 2010,  
Applicant respectfully submits the following.

**A Listing of the Claims** begins on page 2 of this paper.

**Remarks** begin on page 8 of this paper.